

**16:0 Lyso PC-d49**
**1-palmitoyl-2-hydroxy-sn-glycero-3-phosphocholine (d49)**
**870308P-5mg**

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<b>Molecular Weight</b>	544.93
<b>Chemical Formula</b>	C <sub>24</sub> HD <sub>49</sub> NO <sub>7</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6626PHA015
<b>Avanti Lot Number</b>	870308P-5MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 540.93 - 546.93 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] <sup>+</sup> = 543.6 amu

Approved By:



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